FIG. 1

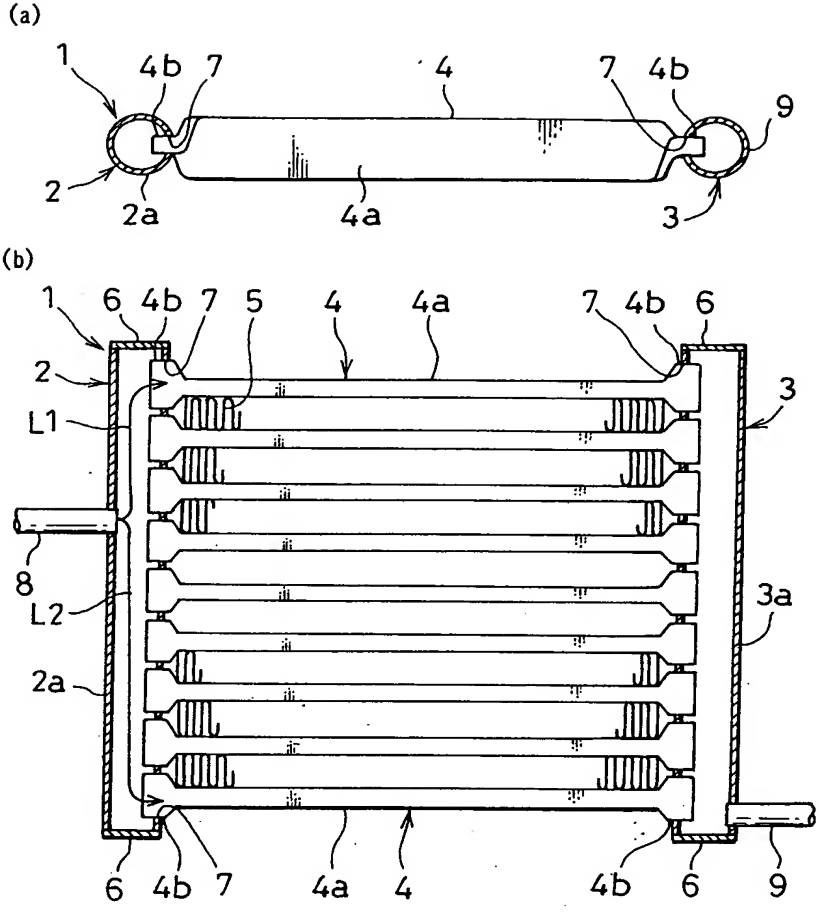

(a)
1
4b
7
4
7
4b
9
2
2a
4a
3
(b)
1
6
4b
7
5
4
4a
7
4b
6
2
L1
3
8
L2
3a
2a
6
4b
7
4a
4
4b
6
9

FIG. 2

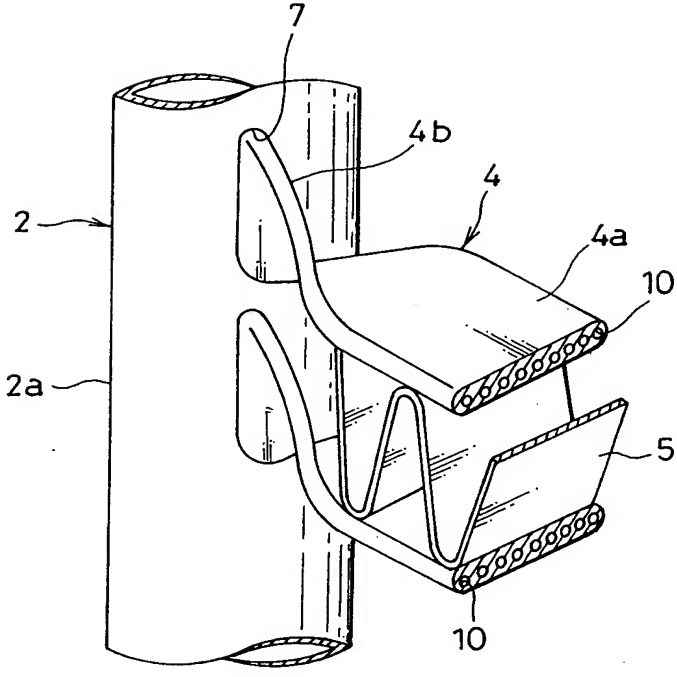


FIG. 3

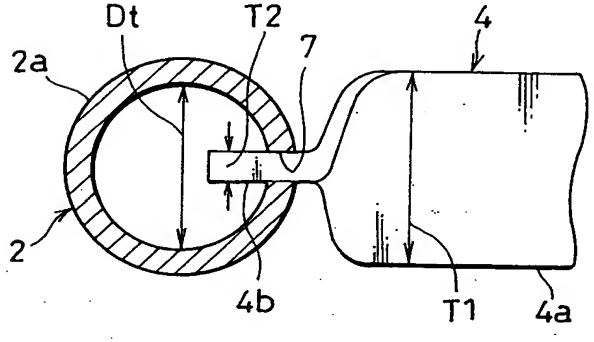


FIG. 4

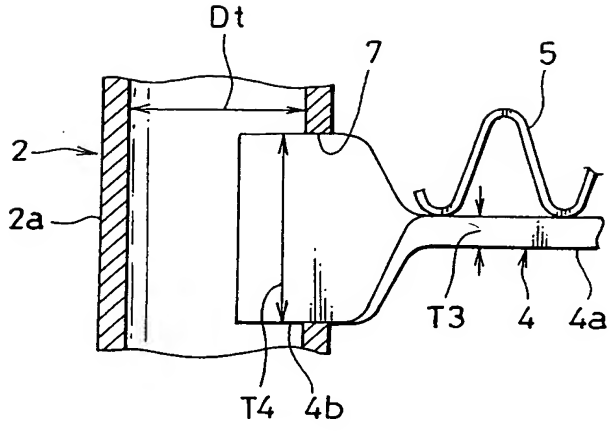
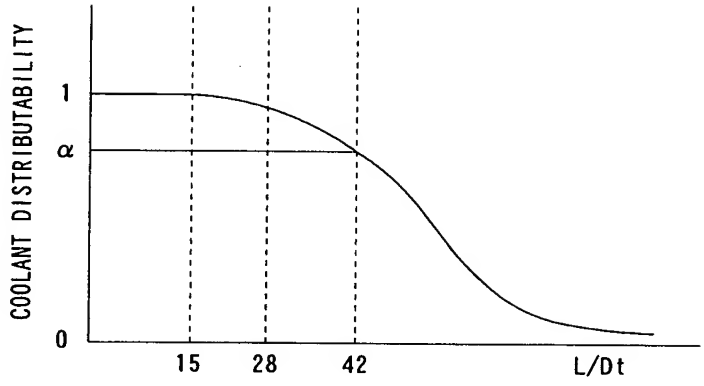


FIG. 5

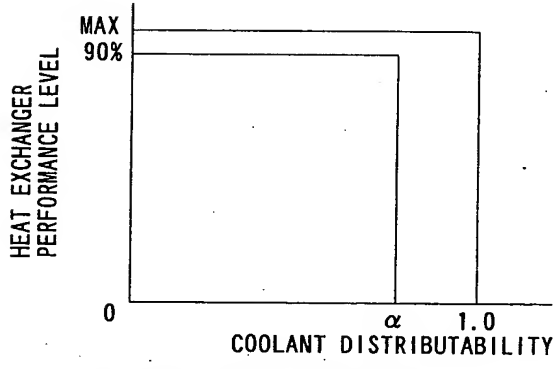
(a)



L=LENGTH OF LONGEST PATH RANGING FROM COOLANT ENTRANCE TO TUBE OPENING

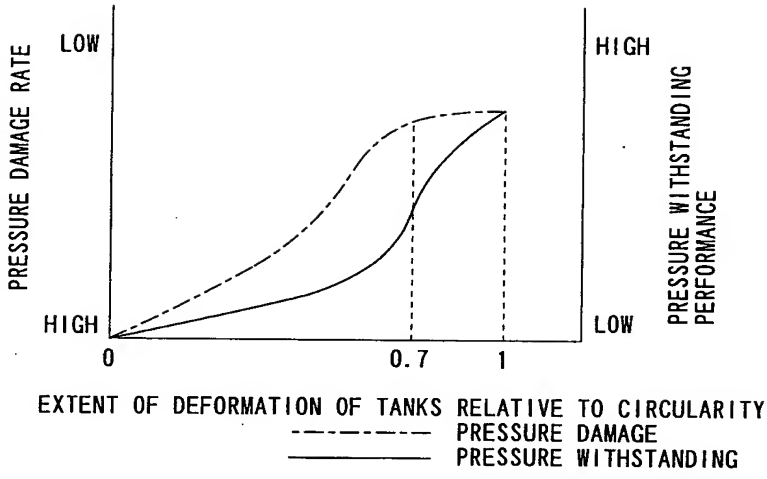
Dt=EQUIVALENT DIAMETER AT TANK SECTION

(b)



COOLANT DISTRIBUTABILITY=
LOWEST TUBE FLOW RATE/HIGHEST TUBE FLOW RATE

FIG. 6


PRESSURE DAMAGE RATE
LOW
HIGH
HIGH
LOW
PRESSURE WITHSTANDING PERFORMANCE
0
0.7
1
EXTENT OF DEFORMATION OF TANKS RELATIVE TO CIRCULARITY
PRESSURE DAMAGE
PRESSURE WITHSTANDING